



# **Armed Forces College of Medicine**

## **AFCM**



# **Endocrine and urogenital module**

## **Clinical Integrated Cases Pretest 4**

# Question 1



**Which of the following is the main fibromuscular support of the uterus ?**

- A. Pubocervical ligament
- B. Uterosacral ligament
- C. Transverse cervical ligament
- D. Round ligament of uterus
- E. Round ligament of ovary

## Question 2



**Angle of anteversion lies between which of the following structures?**

- A. Uterus and vagina
- B. Uterus and urinary bladder
- C. Uterus and rectum
- D. Uterus and cervix at the level of internal os
- E. Uterus and cervix at the level of external os

## Question 3



**The uterine cervix is characterized by which of the following?**

- a. Undergoing cyclic thickening of epithelium
- b. Lined totally by stratified squamous epithelium.
- c. Undergoing cyclic shedding of epithelial lining.
- d. Having cells responsible for formation of mucus plug
- e. Being the normal site for blastocyst implantation

## Question 4



### **What is the source of vaginal fluid?**

- a. Mucus gland in lamina propria of uterine cervix
- b. Mucus gland in lamina propria of vagina
- c. Mucous secreting cells in vaginal epithelium
- d. Endometrial glands of uterus
- e. Secretory cells of fallopian tube

## Question 5



**Which of the following is an action of progesterone on the breast?**

- a. Antagonize the milk producing effect of prolactin
- b. Promote the growth of mammary ducts
- c. Increases the growth of breast lobules and alveoli
- d. Enlarges the breast during puberty.
- e. Stimulates pigmentation of the areolas

## Question 6



**Which of the following results in galactorrhea?**

- a. Increase in prolactin hormone
- b. Increase in oxytocin hormone
- c. Increase in estrogen hormone
- d. Increase in progesterone hormone
- e. Increase in relaxin hormone



## Question 7



**Estrogens are derived from androgens (testosterone and androstenedione) by which one of the following enzymes?**

- a. 11  $\alpha$  hydroxylase enzyme
- b. Aromatase enzyme
- c. Desmolase enzyme
- d. 17  $\alpha$  hydroxylase
- e. 5  $\alpha$  reductase enzyme

## Question 8



**An adult with a BMI of 32 kg/m<sup>2</sup> is considered which of the following?**

- a. Overweight
- b. Underweight
- c. Obese class I
- d. Normal weight
- e. Obese class II

## Question 9



**Which of the following is the distinguishing feature of *Chlamydia trachomatis*?**

- a. Stains well with Gram stain
- b. Possesses RNA only
- c. Is coccoid in shape
- d. Possesses mitochondria
- e. Is free-living in the environment

## Question 10



**A 28-year-old man presents with dysuria and a serous urethral discharge. Which of the following would be seen on cytological examination?**

- a) Gram-negative diplococci
- b) Acid-fast bacilli
- c) Inclusion bodies
- d) Spiral organisms
- e) Branching hyphae

# Question 11



**Which of the following is the mechanism of action of Cabergoline?**

- a. Dopamine receptors (D2) antagonist
- b. Stimulates Prolactin release.
- c. Serotonin receptor blocker
- d. Dopamine receptors (D2) agonist
- e. Follicular stimulating hormone (FSH) Analogue

## Question 12



**Which of the following drugs could inhibit spermatogenesis?**

- a. Insulin
- b. Calcium channel blockers
- c. Angiotensin receptor blockers
- d. Amphetamine
- e. Hydrochlorothiazide

## Question 13



**Infertility is when a couple fails to conceive after**

years of unprotected sex  
years of unprotected sex  
years of unprotected sex  
years of unprotected sex  
year of unprotected sex

## Question 14



**In women, this sexually transmitted disease can result in infertility:**

- a. Human papillomavirus (HPV)
- b. Pelvic inflammatory disease
- c. Genital herpes
- d. Syphilis
- e. Non of the above





Thank  
you

